

Sustainability Systems

Week 1:

Rules/expectations of the O.A.S.I.S. - revise and discuss in relation to four school rules (Be Best, Respect for All, Respect for Environment Be Safe) What does it look like?

Revision of animal feeding and jobs- what to do for each job.

Rosters - how they will operate over the 6 weeks.

Journalling

Introduce the idea of journalling.

Use Macbooks/iWeb for reflective journalling over the six weeks.

Start with thoughts on their expectations for their time in the OASIS.

Blog

Explain the purpose of the blog. To record what happens over the six weeks. Share the posting between the group as the unit progresses.

Set up an audience to read blog. Parents? Other schools?

Tuning Task:

Where Does energy come from?

What is renewable and non-renewable energy and what is the impact of these on our world? Choose one example of each.

Make a display to explain the difference and the impact it has on us today.

Waste Energy Water

Three groups (not the same groups as rotations A,B,C, starting week 2)

Design the system manual...photos/text

Systems throughout the school are understood by everyone.

(eg. bins/where they go after classroom, computer usage, 'lights out', air conditioner settings, etc.)

Explain to others Prep-4 and new teachers

Design posters/slide shows - to show how the bins operate

Design an audit checklist (Sheet from Glenn)

Resources:

<http://www.eia.doe.gov/kids/energy.cfm>

Solar in Schools site

<http://www.epa.vic.gov.au/GreenhouseCalculator/calculator/default.asp>